

+

+

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/431,371
				Filing Date	November 1, 1999
				First Named Inventor	Frank A. Scarpino
				Group Art Unit	3747
				Examiner Name	
				Attorney Docket Number	TRD 021 PA
Sheet	1	of	1		

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	09/431,371
Filing Date	November 1, 1999
First Named Inventor	Frank A. Scarpino
Group Art Unit	3747
Examiner Name	
Attorney Docket Number	TRD 021 PA

[illegible][illegible]

Deal R SM

10/6/04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

+

RECEIVED
APR 24 2000
CENTER 27
PA
et al.

A circular stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "APR 11 2000" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom. The number "579" is also visible on the right side of the stamp.

RECEIVED
APR 17 2000
TC 3700 MAIL ROOM

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

no persons are required

FEB 06 2001

DISCLOSURE

APPLICANT

+

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	09/431,371
Filing Date	November 1, 1986
First Named Inventor	Frank A. Scarpino
Group Art Unit	3747 FEB
Examiner Name	JCH
Attorney Docket Number	TREK-3747

09/431,371
November 1, 1995
Frank A. Scarpino
3747
TRD02
Technology Center 2100

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (if known)			
ORS		4,589,133		Swinbanks	05/13/1986	
		4,748,669		Klayman	05/31/1988	
		4,866,774		Klayman	09/12/1989	
		5,185,805		Chiang	02/09/1993	
		5,223,657		Takeuchi	06/29/1993	
		5,278,780		Eguchi	01/11/1994	
		5,323,467		Hermes	06/21/1994	
		5,416,847		Boze	05/16/1995	
		5,442,712		Kawamura et al.	08/15/1995	
		5,506,910		Miller et al.	04/09/1996	
		5,627,899		Craven et al.	05/06/1997	
		5,698,807		Massie et al.	12/16/1997	
		5,892,830		Klayman	04/06/1999	
		5,910,904		Uramoto	06/08/1999	
		6,058,194		Gulli et al.	05/02/2000	
		6,111,181		Macon et al.	08/29/2000	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Dad RSH

Date
Considered

10/6/64

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

+

+

Complete if Known

Application Number	09/431,371
Filing Date	November 1, 1999
First Named Inventor	Frank A. Scarpino
Group Art Unit	3747
Examiner Name	

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	TRD021PA
-------	---	----	---	------------------------	----------

U.S. PATENT DOCUMENTS

[illegible]

RECEIVED

RECEIVED

JAN 28 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Del R SM

Date
Considered

10/6/04

+

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AUG 12 2002

Please type a plus sign (+) inside this box



PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number

09/431,371

Filing Date

November 1, 1999

First Named Inventor

Frank A. Scarpino

Group Art Unit

3747

Examiner Name

TRD 021 PA

U.S. PATENT DOCUMENTS

[illegible]

RECEIVED

AUG 26 2002

~~Technology Center 2600~~

FOREIGN PATENT DOCUMENTS

[illegible]

RECEIVED

AUG 15 2002

TECHNOLOGY CENTER R3700

Examiner
Signature

DRS

Date

Considered

10/6/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/431,371
Filing Date	November 1, 1999
First Named Inventor	Frank A. Scarpino
Group Art Unit	3747
Examiner Name	
Attorney Docket Number	TRD 021 PA

(use as many sheets as necessary)

Sheet _____ of _____

[illegible]

RECEIVED
JUN 24 2 1961
TECHNICAL CENTER 370

[illegible]

10/6/04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+